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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	May 12	EXTEND option available in structure searching
NEWS 4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS 6	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS 7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS 8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS 10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS 11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS 12	AUG 02	CAplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS 13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS 14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS 15	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS 16	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 17	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS 18	SEP 01	INPADOC: New family current-awareness alert (SDI) available
NEWS 19	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS 20	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 21	SEP 14	STN Patent Forum to be held October 13, 2004, in Iselin, NJ

NEWS EXPRESS	JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:53:23 ON 21 SEP 2004

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:53:35 ON 21 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 SEP 2004 HIGHEST RN 748739-98-2
DICTIONARY FILE UPDATES: 20 SEP 2004 HIGHEST RN 748739-98-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

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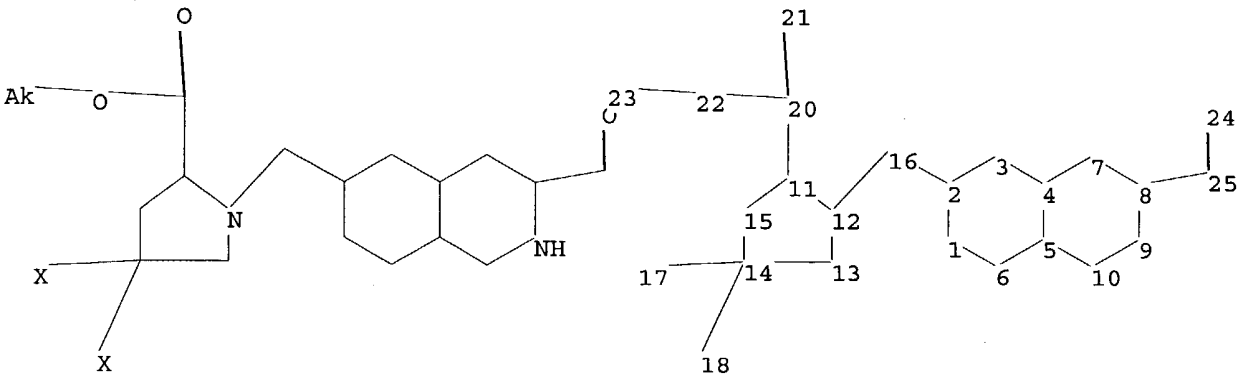
Uploading C:\STNEXP4\QUERIES\10821698.str



chain nodes :
16 17 18 20 21 22 23 24 25
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

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2-16  8-25  11-20  12-16  14-17  14-18  20-21  20-22  22-23  24-25
ring bonds :
1-2  1-6  2-3  3-4  4-5  4-7  5-6  5-10  7-8  8-9  9-10  11-12  11-15  12-13  13-14
 14-15
exact/norm bonds :
1-2  1-6  2-3  3-4  4-5  4-7  5-6  5-10  7-8  8-9  9-10  11-12  12-13  12-16  20-21
 20-22  22-23  24-25
exact bonds :
2-16  8-25  11-15  11-20  13-14  14-15  14-17  14-18
isolated ring systems :
containing 1 : 11 :


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  16:CLASS  17:CLASS  18:CLASS  20:CLASS
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L1      STRUCTURE UPLOADED

=> dis  l1
L1 HAS NO ANSWERS
L1                STR
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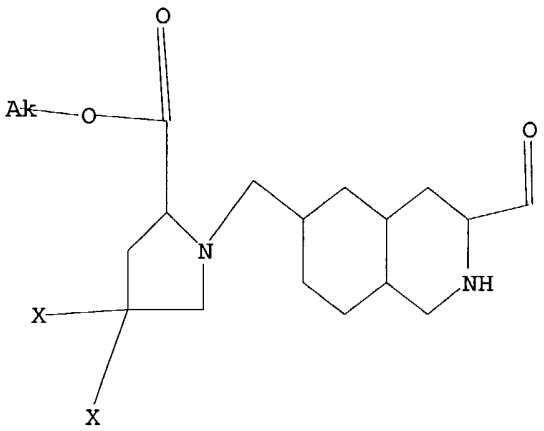


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Structure attributes must be viewed using STN Express query preparation.


=> s l1 sam
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SAMPLE SCREEN SEARCH COMPLETED -      1 TO ITERATE

100.0% PROCESSED       1 ITERATIONS                              1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:             1 TO       80
PROJECTED ANSWERS:                1 TO       80
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L2            1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 10:54:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     23 TO ITERATE

100.0% PROCESSED      23 ITERATIONS                                5 ANSWERS
SEARCH TIME: 00.00.01

L3            5 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   155.42     155.63

FILE 'CAPLUS' ENTERED AT 10:54:19 ON 21 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
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FILE COVERS 1907 - 21 Sep 2004  VOL 141 ISS 13
FILE LAST UPDATED: 20 Sep 2004  (20040920/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> s l3
L4            3 L3

=> s l4 and pd<july 1999
      19649264 PD<JULY 1999
                 (PD<19990700)
L5            0 L4 AND PD<JULY 1999

=> dis l4 1-3 bib abs hitstr

L4   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2002:521737  CAPLUS
DN   137:78867
TI   Preparation of carboxydifluoropyrrolidinylmethyldecahydroisoquinolinecarbo
     xylates as excitatory amino acid receptor antagonists.
IN   Khau, Vien Van; Letourneau, Michael Edward; Martinelli, Michael John
PA   Eli Lilly and Company, USA
SO   PCT Int. Appl., 54 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
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FAN.CNT 1

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PI	WO 2002053561	A1	20020711	WO 2001-US44715	20011220
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	EP 1351955	A1	20031015	EP 2001-995980	20011220
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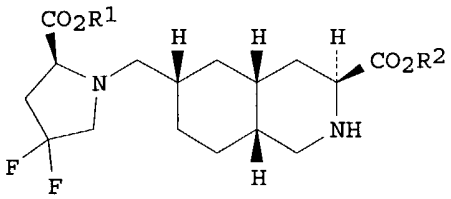
	JP 2004520335	T2	20040708	JP 2002-554680	20011220
	US 2004082606	A1	20040429	US 2003-450458	20030613
	NO 2003002973	A	20030627	NO 2003-2973	20030627
PRAI	US 2001-260014P	P	20010105		
	WO 2001-US44715	W	20011220		

OS MARPAT 137:78867

GI



I

AB Pharmaceutically acceptable salts of title compds. (I; R1, R2 = H, alkyl, alkenyl, alkylaryl, alkylcycloalkyl, alkyldiaminoalkyl, alkylpyrrolidinyl, alkylpiperidinyl, alkylmorpholinyl), were prepared A mixture of Et (3S,4aR,6S,8aR)-6-(hydroxymethyl)-2-(methoxycarbonyl)-1,2,3,4,4a,5,6,7,8,8a-decahydroisoquinoline-3-carboxylate and Et3N in EtOAc is added dropwise to p-nitrobenzenesulfonyl chloride in EtOAc at 0-2° followed by warming to room temperature and stirring for 2.5 h to give 97% sulfonate ester. This was refluxed with hydroxyproline Et ester in EtOAc to give an oil, which in CH2Cl2 was added to a -10° mixture of POCl3 and Me2SO in CH2Cl2 to give 41% ketopyrrolidinylmethyldecahydroisoquinoline derivative This was stirred 21 h with deoxofluor [[bis-(2-methoxyethyl)amino]sulfur trifluoride] and EtOH in 1,2-dichloroethane to give 61% difluoropyrrolidinylmethyldecahydroisoquinoline derivative, which was N-deprotected with Me3SiI in CH2Cl2 followed by salification with D-mandelic acid to give Et (3S,4aR,6S,8aR)-6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoropyrrolidinyl]methyl]-1,2,3,4,4a,5,6,7,8,8a-decahydroisoquinoline-3-carboxylate D-(-)-mandelic acid salt. The dihydrochloride salt of the latter inhibited elec. stimulated dural protein extravasation with ID100 = 0.01 ng/kg orally in rats.

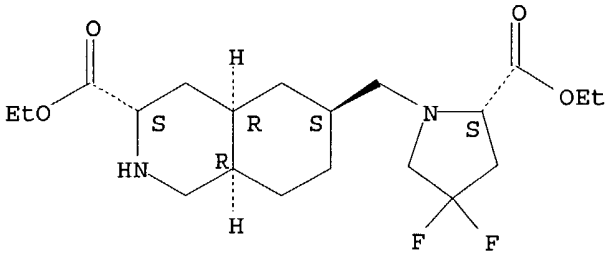
IT **317844-37-4P 440632-08-6P 440632-09-7P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of carboxydifluoropyrrolidinylmethyldecahydroisoquinolinecarboxylates as excitatory amino acid receptor antagonists)

RN 317844-37-4 CAPLUS
CN 3-Isoquinolinecarboxylic acid, 6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoro-1-pyrrolidinyl]methyl]decahydro-, ethyl ester, dihydrochloride, (3S,4aR,6S,8aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



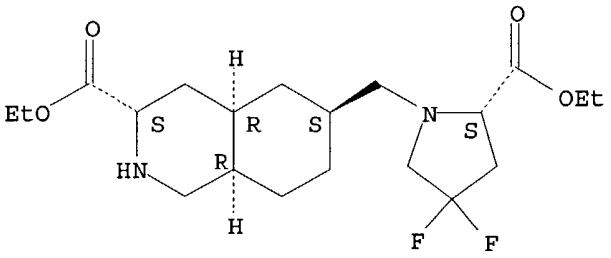
●2 HCl

RN 440632-08-6 CAPLUS
CN 3-Isoquinolinecarboxylic acid, 6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoro-1-pyrrolidinyl]methyl]decahydro-, ethyl ester, (3S,4aR,6S,8aR)-, mono[(αR)-α-hydroxybenzeneacetate] (9CI) (CA INDEX NAME)

CM 1

CRN 317844-31-8
CMF C20 H32 F2 N2 O4

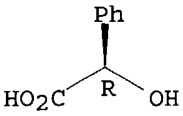
Absolute stereochemistry.



CM 2

CRN 611-71-2
CMF C8 H8 O3

Absolute stereochemistry. Rotation (-).

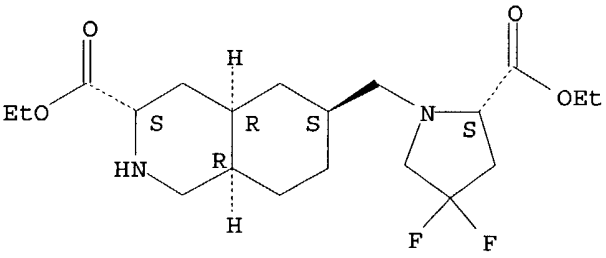


RN 440632-09-7 CAPLUS
CN 3-Isoquinolinecarboxylic acid, 6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoro-1-pyrrolidinyl]methyl]decahydro-, ethyl ester, (3S,4aR,6S,8aR)-, 1,5-naphthalenedisulfonate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 317844-31-8
CMF C20 H32 F2 N2 O4

Absolute stereochemistry.



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CRN 81-04-9
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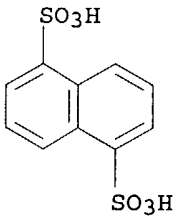

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:521727 CAPLUS
DN 137:78866
TI Preparation of pyrrolidinyl- and piperidinylmethyldecahydroisoquinolinecarboxylates as excitatory amino acid receptor antagonists.
IN Filla, Sandra Ann; Hudziak, Kevin John; Mathes, Brian Michael; Ornstein, Paul Leslie
PA Eli Lilly and Company, USA
SO PCT Int. Appl., 116 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053555	A2	20020711	WO 2001-US44714	20011220
	WO 2002053555	A3	20030206		
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	EP 1351951	A2	20031015	EP 2001-995979	20011220
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	US 2001-259921P	P	20010105		
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OS MARPAT 137:78866
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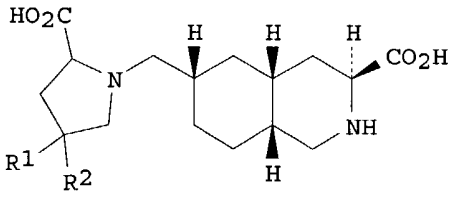


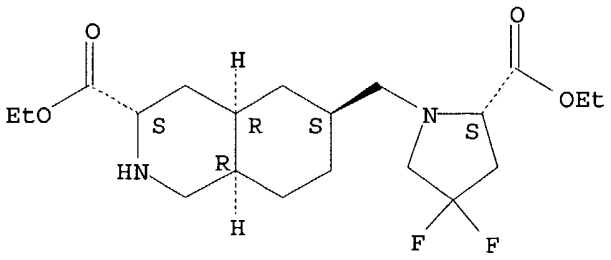
I

AB Title compds. e.g., [I; R1 = H, Cl, Br, iodo, F, SR3, OH; R2 = H, F; R3 = (substituted) tetrazolyl, triazolyl, alkyl, carboxyalkyl; with provisos], were prepared for treatment of e.g., migraine and pain (no data). Thus, Et (3S,4aR,6S,8aR)-6-hydroxymethyl-2-methoxycarbonyldecahydroisoquinoline-3-carboxylate was tosylated followed by coupling with trans-4-OH-L-proline Et ester hydrochloride. The product was oxidized with Me2SO/(COCl)2 in CH2Cl2 followed by fluorination of the resulting ketone with DAST and deprotection with Me3SiCl to give Et (3S,4aR,6S,8aR)-6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoropyrrolidinyl]methyl]-1,2,3,4,4a,5,6,7,8,8a-decahydroisoquinoline-3-carboxylate.

IT **317844-31-8P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrrolidinyl- and piperidinylmethyldecahydroisoquinolinecarboxylates as excitatory amino acid receptor antagonists)

RN 317844-31-8 CAPLUS
CN 3-Isoquinolinecarboxylic acid, 6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoro-1-pyrrolidinyl]methyl]decahydro-, ethyl ester, (3S,4aR,6S,8aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:31316 CAPLUS
DN 134:91148
TI Selective iGluR5 receptor antagonists for the treatment of migraine
IN Bleakman, David; Chappell, Amy Suzon; Filla, Sandra Ann; Johnson, Kirk Willis; Ornstein, Paul Leslie
PA Eli Lilly and Company, USA
SO PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

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PI	WO 2001001972	A2	20010111	WO 2000-US16297	20000627
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	TR 200200066	T2	20020422	TR 2002-200200066	20000627
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	US 2003199546	A1	20031023	US 2003-383296	20030306
	US 6759418	B2	20040706		
PRAI	US 1999-142485P	P	19990706		
	US 1999-151165P	P	19990827		
	WO 2000-US16297	W	20000627		
	US 2001-9655	A1	20011211		

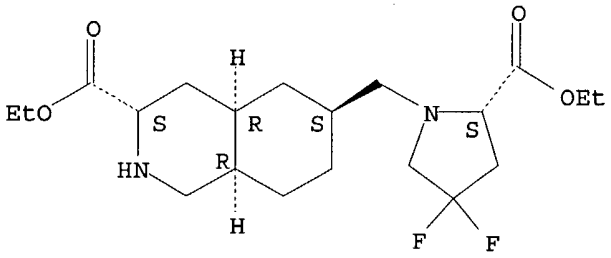
OS MARPAT 134:91148
AB The present invention provides a method of treating or preventing migraine which comprises administering to a patient in need thereof an effective amount of a selective iGluR5 receptor antagonist. The present invention further provides novel compds. functional as selective iGluR5 receptor antagonists, i.e., isoquinoline carboxylate derivs., as well as compns.

and formulations comprising said selective iGluR5 receptor antagonists. Formulations of hard gelatin capsules, tablets, an aerosol solution, suppositories, suspensions, and i.v. injections are provided. For example, i.v. administration of 3S,4aR,6S,8aR-6-(((4-carboxy)phenyl)methyl)-1,2,3,4,4a,5,6,7,8,8a-decahydroisoquinoline-3-carboxylic acid (preparation given) inhibited dural protein extravasation, a functional characteristic of migraine, with ID50 of 6.5 and 4.0 ng/kg in rats and guinea pigs, resp.

IT **317844-31-8P 317844-35-2P 317844-37-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of selective iGluR receptor antagonists for treatment of migraine)

RN 317844-31-8 CAPLUS
CN 3-Isoquinolinecarboxylic acid, 6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoro-1-pyrrolidinyl]methyl]decahydro-, ethyl ester, (3S,4aR,6S,8aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

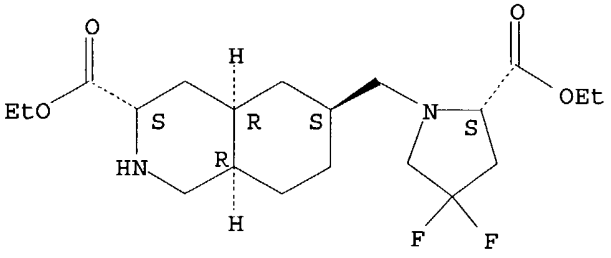


RN 317844-35-2 CAPLUS
CN 3-Isoquinolinecarboxylic acid, 6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoro-1-pyrrolidinyl]methyl]decahydro-, ethyl ester, (3S,4aR,6S,8aR)-, mono(α-hydroxybenzeneacetate) (9CI) (CA INDEX NAME)

CM 1

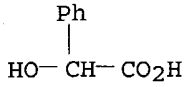
CRN 317844-31-8
CMF C20 H32 F2 N2 O4

Absolute stereochemistry.



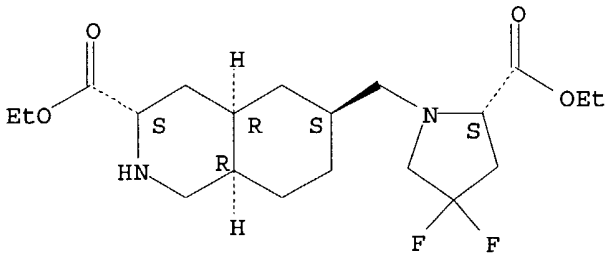
CM 2

CRN 90-64-2
CMF C8 H8 O3



RN 317844-37-4 CAPLUS
CN 3-Isoquinolinecarboxylic acid, 6-[[(2S)-2-(ethoxycarbonyl)-4,4-difluoro-1-pyrrolidinyl]methyl]decahydro-, ethyl ester, dihydrochloride, (3S,4aR,6S,8aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



●2 HCl

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.98	172.61

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.10	-2.10

STN INTERNATIONAL LOGOFF AT 10:55:19 ON 21 SEP 2004